

ACPro Induced AC Mitigation Ribbon

Easy Handling & Installation | Cost Effective | Low Electrical Resistivity



The Farwest ACPro Mitigation Ribbon provides a linear grounding solution to eliminate the corrosion-causing effects of induced AC current on a pipeline. Installed parallel to a pipeline, the ACPro Mitigation Ribbon provides a copper conductor to disperse the unwanted AC current.

This product features a bare, stranded copper conductor encased in a non-woven polyester sock with heavy-duty exterior braid for enhanced durability. The sock is filled with either Loresco PowerFill™, a low-resistivity carbon backfill, or a blend of hydrated gypsum and bentonite backfill.

Pipeline corrosion caused by induced AC current is attributed to high voltage AC power lines close to a pipeline system. The corrosion can be aggressive, far exceeding the normal corrosion rate caused by corrosive soils. Induced AC can also be a safety issue to humans and must be mitigated to reduce potential hazards.

Solutions to mitigate AC current problems are essentially grounding systems that provide an electrical path to remove or discharge the AC voltage from the pipeline to the ground. The ACPro mitigation ribbon provides a sound solution to a potentially costly and hazardous situation.

Product Advantages

- Easy handling and installation
- Low electrical resistivity
- Simple field splices
- Cost effective when compared to other AC mitigation solutions

Features

Easy Handling & Installation

- Can be installed through trenching, plowing or directionally drilling
- Easy field splicing with 24" copper conductor 'pigtailed' from social
- Custom field splicing solutions available

Cost Effective

- Helps to eliminate costly induced AC current corrosion
- Provides low cost installation solution
- Makes splicing easy and efficient with pigtailed

Low Electrical Resistivity

- Choice of copper conductor sizes
- Options for backfill solutions depending on customer preference

Engineered to protect. Built to perform.
Resolve induced AC corrosion issues today with the ACPro Mitigation Ribbon.



**FARWEST CORROSION
CONTROL COMPANY**

888-532-7937 • FarwestCorrosion.com

Headquarters: 12029 Regentview Avenue, Downey, California 90241

Los Angeles • Bakersfield • San Francisco • Seattle • Denver • Phoenix • Tulsa • Houston • Chicago • Philadelphia

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ACPro Product Specifications

Copper Conductor Size	#6 AWG	#2 AWG	#1/0 AWG
Backfill	Loresco PowerFill™ or Gypsum Mixture		
Sock Material	Non-woven polyester fabric		
Sock Dimension	1.5 inches (38 mm) diameter		
Length per Reel	Available in 500, 1,000, and 1,500 ft. reels. Custom lengths are also available.		
Pigtail for Spicing	A 24" length pigtail is provided at each end of product. Custom cables can be factory spliced to pigtail ends at additional cost.		

ACPro Ordering Details

Conductor Size	Farwest Model No.	Farwest Part No.	Backfill Material	Product Wt.	ReelWeight - Pounds	
					Net Wt.	Gross Wt.
#6 AWG	ACP-06-500	01-95404	Carbon	1.0 lbs/ft	500	760
	ACP-06-1000	01-95400			1,000	1,260
	ACP-06-1500	01-95402			1,500	1,760
#6 AWG	ACP-06-500-G	01-95405	Gypsum	1.0 lbs/ft	500	760
	ACP-06-1000-G	01-95401			1,000	1,260
	ACP-06-1500-G	01-95403			1,500	1,760
#2 AWG	ACP-02-500	01-95414	Carbon	1.1 lbs/ft	550	840
	ACP-02-1000	01-95410			1,100	1,390
	ACP-02-1500	01-95412			1,650	1,940
#2 AWG	ACP-02-500-G	01-95417	Gypsum	1.1 lbs/ft	550	840
	ACP-02-1000-G	01-95411			1,100	1,390
	ACP-02-1500-G	01-95416			1,650	1,940
#1/0 AWG	ACP-1/0-500	01-95424	Carbon	1.3 lbs/ft	650	855
	ACP-1/0-1000	01-95420			1,300	1,505
	ACP-1/0-1500	01-95422			1,950	2,155
#1/0 AWG	ACP-1/0-500-G	01-95425	Gypsum	1.3 lbs/ft	650	855
	ACP-1/0-1000-G	01-95421			1,300	1,505
	ACP-1/0-1500-G	01-95423			1,950	2,155

About Farwest Corrosion Control Company

Farwest Corrosion Control is a pioneer and industry leader in comprehensive cathodic protection (CP) and corrosion control solutions. Our services include CP engineering, technical consultation and construction. We also manufacture and distribute a wide range of CP and corrosion control products—supported by the largest inventory in the industry.

Founded in 1956, Farwest is a minority-owned business headquartered in Downey, California. With more than 180 dedicated employees nationwide, we deliver trusted solutions that protect infrastructure and make tomorrow safer.

Prevent induced AC corrosion with the ACPro Mitigation Ribbon. Order your ACPro solution today.



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